

**CERES DMT to DAAC Production Requests
OS Upgrade and Toolkit Migration
January/February 2007**

by

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Document Revision Record

Issue Date	Release Number	DCCR ^a Number	Prepared ^b by	Description of Revision	Section Affected
12/27/06	ROS7V1	tbd	ebg	- Original document listing subsystems that need to be tested after the ASDC SGI Operating System and SGI/cluster Toolkit upgrades have been completed. Also listed are disabled PGEs and deliveries expected shortly after OS upgrade.	Table 1 Table 2
1/12/07	ROS7V2	tbd	ebg	- corrections made based on conversations with all subsystems. This version is actually the baseline from which CERES will start testing.	Table 1 Table 2
1/22/07	ROS7V3	tbd	ebg	- Subsystem 7's TISA averaging (TSIB) and synoptic SARB (SYNI) can no longer be disabled. They must be tested. Added PGEs 58b-OS7 through 58g-OS7 to Table 1. Removed subsystem 7 PGEs from Table 2. - Corrected TISA gridding FSW PGEs 90-OS7, 93-OS7, 96-OS7, and 99-OS7 to include PS5.	Table 1 Table 2
1/29/07	ROS7V4	tbd	ebg	- Since magneto isn't changing TK, cancelled all testing on magneto (PRs 58f-OS7, 58g-OS7, 58-OS7, 86-OS7 to 89-OS7)) - All Inversion PGEs which need to be tested must be recompiled (PRs 67-OS7 to 71-OS7) - Instantaneous SARB can no longer run on warlock; run on cluster so pre- and postprocessors can be verified. (PR 82-OS7, 83-OS7) - Synoptic SARB can no longer run on warlock. Cancel validation requests (PRs 58d-OS7, 58e-OS7)	Table 1
2/8/07	ROS7V5	tbd	ebg	- cancelled Aqua ValR2OS SRBAVG testing because Beta6 had not yet started running and, therefore, there isn't anything to compare to. (PRs 113-OS7 and 114-OS7) - SARB PGE 5.1P2 and Synoptic SARB PGE 7.2.1P1 were disabled on warlock and do not need to be tested. - cancelled instrument Quicklook and disabled associated PGEs (PRs 23-OS7 to 25-OS7) - PRs that are run but not verified are yellow. PRs that are closed out are gray.	Table 1 Table 2
2/8/07	ROS7V6	tbd	ebg	- Corrected Cloud requests. If there are questions, call Walt Miller! (PRs 59-OS7 to 66-OS7) - PRs that are run but not verified are yellow. PRs that are closed out are gray.	Table 1

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2/9/07	ROS7V7	tbd	ebg	- PRs that are run but not verified are yellow. PRs that are closed out are gray.	Table 1
2/16/07	ROS7V8	tbd	ebg	- cancelled SARB preprocessor requests on cluster (PRs 78-OS7, 79-OS7) - PRs that are run but not verified are yellow. PRs that are closed out are gray.	Table 1
2/27/07, 3/2/07, 3/13/07, 3/19/ 07, 3/23/07	ROS7V9	tbd	ebg	- PRs that are run but not verified are yellow. PRs that are closed out are gray.	Table 1
3/28/07	ROS7V10	tbd	ebg	- All PRs are now closed out!	Table 1

a. Document Configuration Change Request Number

b. Prepared by: ebg - Erika Geier, NASA

CERES DMT to DAAC Production Requests, Operating System Upgrade and Toolkit Migration 2007

This set of tables serves as a format for requesting production activities from the CERES Data Management Team (DMT) to the Langley TRMM/Terra Information System (LaTIS).

A Change bar (|) is used, on left side of document, to indicate changes since the last request.

Note: Shaded boxes are completed Production Requests.

CERES Data Processing Policy

Under normal circumstances, a Data Month must be processed with a unique Software Code. If an emergency Software Code Fix must be made in the middle of a processing month, all days previously processed must be reprocessed to maintain consistency of the data.

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
12/27/06 Checkout Clouds and ERBElke Snow/Ice (Clouds last promoted Snow/Ice SCCR 511, no open SCCR's) Run current executable - no need to recompile Compare against SS4_0=CERES, PS4_0=NSIDC-NESDIS, CC4_0P1=021022 SS2_1=CERES, PS2_1=NSIDC, CC2_1=025025							1-OS7 run and verified on 2/5/07 2-OS7 run 2/7/07 and verified 2/12/07
1-OS7	4.1-4.0P1	CERES		PS4_0=ValR2OS	12/31/06	12/31/06	cc4_0=021023
2-OS7	2.1P1	CERES		PS2=ValR2OS	12/06	12/06	cc2_1=025026
12/27/06 Terra Edition1-CV Instrument (last promoted SCCR 621; open SCCR's: 610, 627, 641) No Recompilations needed. Only executables need to be checked. Compare against SS1=Terra-FM[1,2], PS1=Edition1-CV, CC1=033033, CC1_3=027030, CC1_4=026029, CC1_2=027033							run 2/2/07 1.3P1 failed with exit code 200 on 11/11/06 data. 1.1P3 approved 2/2/07 1.3P1 and 1.2P1 approved 2/6/07 1.3P2 approved 2/8/07
3-OS7	1.1P3	FM1, FM2	(PS1=>)	PS1=ValR2OS	11/06	11/06	cc1=033034
4-OS7	1.3P1	FM1, FM2	PS1=ValR2OS	PS1=ValR2OS	11/06	11/06	cc1=033034 cc1_3=027031
5-OS7	1.3P2	FM1,FM2	PS1=ValR2OS	PS1=ValR2OS	11/06	11/06	cc1_3=027031 cc1_4=026030
6-OS7	1.2P1	FM1, FM2	PS1=ValR2OS	PS1=ValR2OS	11/1/06	11/1/06	cc1=033034 cc1_2=027034

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
12/27/06 Terra Edition1-CV ERBEl ike (last promoted SCCR 592; no open SCCR's). No Recompilations needed. Only executables need to be checked. Compare against SS2=Terra-FM[1,2], PS2=Edition1-CV, CC2=026029 SS3=Terra-FM[1,2], PS3=Edition1-CV, CC3=024030							7-OS7 to 9-OS7 run 2/8/07 8-OS7 verified 2/11/07 7-OS7 and 9-OS7 verified 2/12/07 10-OS7 run 2/12/07 and verified 2/15/07
7-OS7	2.2P1	FM1, FM2	PS1=Edition1-CV PS2_1=NSIDC cmdline arg = A F N T	PS2=ValR2OS	11/1/06	11/1/06	cc2=026030 cc1_2=027033 cc2_1=025025
8-OS7	2.3P2	FM1, FM2	PS1=Edition1-CV PS2_1=NSIDC cmdline arg = A F N T	PS2=ValR2OS	10/31/06	10/31/06	cc2=026030 cc1_2=027033 cc2_1=025025
9-OS7	2.3P1	FM1, FM2	PS1=Edition1-CV PS2_1=NSIDC cmdline arg = A F N T	PS2=ValR2OS	11/1/06	11/1/06	cc2=026030 cc1_2=027033 cc2_1=025025
10-OS7	3.1P1	FM1, FM2	PS2=Edition1-CV	PS3=ValR2OS	10/31/06 (11/06)	12/1/06 (11/06)	cc2=026029 cc3=024031
12/27/06 Aqua Edition1-CV Instrument (last promoted SCCR 621; open SCCR's: 610, 627, 641) For FM4, ASDC must include the following options: -ic OFF -sat SW-OFF No Recompilations needed. Only executables need to be checked. Compare against SS1=Aqua-FM3, PS1=Edition1-CV, CC1=033033, CC1_3=027030, CC1_4=026029, CC1_2=027033 SS1=Aqua-FM4, PS1=Ed1-CV-NoSW, CC1=033033, CC1_3=027030, CC1_4=026029, CC1_2=027033							run 2/2/07 1.3P1 failed with exit code 10 on 11/11/06 data. 1.1P5 approved 2/2/07. 1.3P1 and 1.2P1 approved 2/6/07 1.3P2 approved 2/8/07

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
11-OS7	1.1P5	FM3, FM4	(PS1=>)	PS1=ValR2OS	11/06	11/06	cc1=033034
12-OS7	1.3P1	FM3, FM4	PS1=ValR2OS	PS1=ValR2OS	11/06	11/06	cc1=033034 cc1_3=027031
13-OS7	1.3P2	FM3,FM4	PS1=ValR2OS	PS1=ValR2OS	11/06	11/06	cc1_3=027031 cc1_4=026030
14-OS7	1.2P1	FM3, FM4	PS1=ValR2OS	PS1=ValR2OS	11/1/06	11/1/06	cc1=033034 cc1_2=027034
12/27/06 Aqua Edition1-CV ERBEl ike (last promoted SCCR 592; no open SCCR's). No Recompilations needed. Only executables need to be checked. Compare against SS2=Aqua-FM3, PS2=Edition1-CV, CC2=026029 SS3=Aqua-FM3, PS3=Edition1-CV, CC3=024030 SS2=Aqua-FM4, PS2=Ed1-CV-NoSW, CC2=026029 SS3=Aqua-FM4, PS3=Ed1-CV-NoSW, CC3=024030							15-OS7 to 20-OS7 run 2/8/07 19-OS7 to 20-OS7 approved 2/11/07 15-OS7 to 18-OS7 verified 2/12/07 21-OS7 and 22-OS7 run 2/13/07 and ver- ified 2/15/07
15-OS7	2.2P1	FM3	PS1=Edition1-CV PS2_1=NSIDC cmdline arg = A F N T	PS2=ValR2OS	11/1/06	11/1/06	cc2=026030 cc1_2=027033 cc2_1=025025
16-OS7	2.2P1	FM4	PS1=Ed1-CV-NoSW PS2_1=NSIDC cmdline arg = A F N T	PS2=ValR2OS	11/1/06	11/1/06	cc2=026030 cc1_2=027033 cc2_1=025025
17-OS7	2.3P1	FM3	PS1=Edition1-CV PS2_1=NSIDC cmdline arg = A F N T	PS2=ValR2OS	11/1/06	11/1/06	cc2=026030 cc1_2=027033 cc2_1=025025
18-OS7	2.3P1	FM4	PS1=Ed1-CV-NoSW PS2_1=NSIDC cmdline arg = A F N T	PS2=ValR2OS	11/1/06	11/1/06	cc2=026030 cc1_2=027033 cc2_1=025025

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
19-OS7	2.3P2	FM3	PS1=Edition1-CV PS2_1=NSIDC cmdline arg = A F N T	PS2=ValR2OS	10/31/06	10/31/06	cc2=026030 cc1_2=027033 cc2_1=025025
20-OS7	2.3P2	FM4	PS1=Ed1-CV-NoSW PS2_1=NSIDC cmdline arg = A F N T	PS2=ValR2OS	10/31/06	10/31/06	cc2=026030 cc1_2=027033 cc2_1=025025
21-OS7	3.1P1	FM3	PS2=Edition1-CV	PS3=ValR2OS	10/31/06 (11/06)	12/1/06 (11/06)	cc2=026029 cc3=024031
22-OS7	3.1P1	FM4	PS2=Edition1-CV	PS3=ValR2OS	10/31/06 (11/06)	12/1/06 (11/06)	cc2=026029 cc3=024031
12//06 Quicklook Terra and Aqua Processing No Recompilations needed. Only executables need to be checked. Requires Delta delivery to correct problem. Nothing to compare against							disabled 2/2/07
23-OS7	1.1P4	FM1	(PS1=>)	PS1=ValR2OS	3/26/03	3/26/03	cc1=033034
24-OS7	1.1P4	FM2	(PS1=>)	PS1=ValR2OS	11/3/04	11/3/04	
25-OS7	1.1P6	FM3, FM4	(PS1=>)	PS1=ValR2OS	2/7/02 hr 7 min20	2/7/02	

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
12/27/06 Terra Edition2 Instrument and ERBElke Processing No Recompilations needed. Only executables need to be checked. Compare against SS1=Terra-FM[1,2], PS1=Edition2, CC1_5=031035, CC1_2=027033 SS2=Terra-FM[1,2], PS2=Edition2, CC2=026029 PS2_4=Edition2, CC2_4=026026 SS3=Terra-FM[1,2], PS3=,Edition2, CC3=024030							26-OS7 and 27-OS7 run 2/6/07 and veri- fied.2/7/07 28-OS7 to 31-OS7 run 2/9/07 28-OS7 and 30-OS7 approved 2/11/07 31-OS7 verified 2/ 12/07 32-OS7 run 2/13/07 and verified 2/15/07
26-OS7	1.3P3	FM1, FM2	PS1=Edition1-CV	PS1_1=ValR2OS-2	11/1/05	11/1/05	cc1=033033 cc1_5=031036
27-OS7	1.2P1	FM1, FM2	PS1=ValR2OS-2	PS1=ValR2OS-2	11/1/05	11/1/05	cc1=031036 cc1_2=027034
28-OS7	2.4P1	FM1, FM2	cmdline arg = 12	PS2=ValR2OS-2	10/05	10/05	cc2_4=026027
29-OS7	2.2P1	FM1, FM2	PS1=Edition2 PS2_1=NSIDC PS2_4=Edition2 cmdline arg = A F M T	PS2=ValR2OS-2	10/1/05	10/1/05	cc2=026030 cc1_2=027033 cc2_1=025025 cc2_4=026026
30-OS7	2.3P2	FM1, FM2	PS1=Edition2 PS2_1=NSIDC PS2_4=Edition2 cmdline arg = A F M T	PS2=ValR2OS-2	10/31/05	10/31/05	cc2=026030 cc1_2=027033 cc2_1=025025 cc2_4=026026
31-OS7	2.3P1	FM1, FM2	PS1=Edition2 PS2_1=NSIDC PS2_4=Edition2 cmdline arg = A F M T	PS2=ValR2OS-2	10/1/05	10/1/05	cc2=026030 cc1_2=027033 cc2_1=025025 cc2_4=026026

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
32-OS7	3.1P1	FM1, FM2	PS2=Edition2	PS3=ValR2OS-2	10/05	10/05	cc2=026029 cc3=024031
12/27/06 Aqua Edition2 Instrument and ERBElke Processing No Recompilations needed. Only executables need to be checked. Compare against SS1=Aqua-FM3, PS1=Edition2, CC1_5=031034, CC1_2=027033 SS2=Aqua-FM3, PS2=Edition2, CC2=026029 PS2_4=Edition2, CC2_4=026026 SS3=Aqua-FM3, PS3=Edition2, CC3=024030 SS1=Aqua-FM4, PS1=Ed2-NoSW, CC1_5=031034, CC1_2=027033 SS2=Aqua-FM4, PS2=Ed2-NoSW, CC2=026029 Ed2-NoSW, CC2_4=026026 SS3=Aqua-FM4, PS3=Ed2-NoSW, CC3=024030 SS3_3=FM1+FM4, PS3_2=Edition2, CC3_2=024027 (2/05) SS3_3=FM1+FM3, PS3_2=Edition2, CC3_2=024030 (11/05) There is nothing for FM2+FM3 to compare against, The FM2+FM3 combination will be required when 1/06 and 2/06 are processed, so we want to make sure that it runs properly.							33-OS7 to 43-OS7 run 2/8/07 33-OS7 to 36-OS7 verified 2/8/07 37-OS7 to 39-OS7 approved 2/11/07 40-OS7 to 43-OS7 verified 2/12/07 44-OS7 to 47b-OS7 run 2/13/07 and verified 2/15/07
33-OS7	1.3P3	FM3	PS1=Edition1-CV	PS1=ValR2OS-2	11/1/05	11/1/05	cc1=033033 cc1_5=031036
34-OS7	1.3P3	FM4	PS1=Ed1-CV-NoSW	PS1=ValR2OS-2	11/1/05	11/1/05	cc1=033033 cc1_5=031036
35-OS7	1.2P1	FM3	PS1=ValR2OS-2	PS1=ValR2OS-2	11/1/05	11/1/05	cc1=031036 cc1_2=027034
36-OS7	1.2P1	FM4	PS1=ValR2OS-2	PS1=ValR2OS-2	11/1/05	11/1/05	cc1=031036 cc1_2=027034
37-OS7	2.4P1	FM3, FM4	cmdline arg = 12	PS2=ValR2OS-2	11/05	11/05	cc2_4=026027

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
38-OS7	2.2P1	FM3	PS1=Edition2 PS2_1=NSIDC PS2_4=Edition2 cmdline arg = A F M T	PS2=ValR2OS-2	11/1/05	11/1/05	cc2=026030 cc1_2=027033 cc2_1=025025 cc2_4=026026
39-OS7	2.2P1	FM4	PS1=Ed2-NoSW PS2_1=NSIDC PS2_4=Edition2 cmdline arg = A F M T	PS2=ValR2OS-2	11/1/05	11/1/05	cc2=026030 cc1_2=027033 cc2_1=025025 cc2_4=026026
40-OS7	2.3P1	FM3	PS1=Edition2 PS2_1=NSIDC PS2_4=Edition2 cmdline arg = A F M T	PS2=ValR2OS-2	11/1/05	11/1/05	cc2=026030 cc1_2=027033 cc2_1=025025 cc2_4=026026
41-OS7	2.3P1	FM4	PS1=Ed2-NoSW PS2_1=NSIDC PS2_4=Edition2 cmdline arg = A F M T	PS2=ValR2OS-2	11/1/05	11/1/05	cc2=026030 cc1_2=027033 cc2_1=025025 cc2_4=026026
42-OS7	2.3P2	FM3	PS1=Edition2 PS2_1=NSIDC PS2_4=Edition2 cmdline arg = A F M T	PS2=ValR2OS-2	10/31/05	10/31/05	cc2=026030 cc1_2=027033 cc2_1=025025 cc2_4=026026
43-OS7	2.3P2	FM4	PS1=Ed2-NoSW PS2_1=NSIDC PS2_4=Edition2 cmdline arg = A F M T	PS2=ValR2OS-2	10/31/05	10/31/05	cc2=026030 cc1_2=027033 cc2_1=025025 cc2_4=026026
44-OS7	3.1P1	FM3	PS2=Edition2	PS3=ValR2OS-2	11/05	11/05	cc2=026029 cc3=024031
45-OS7	3.1P1	FM4	PS2=Ed2-NoSW	PS3=ValR2OS-2	11/05	11/05	cc2=026029 cc3=024031

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PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
46-OS7	3.2P1	FM1+FM4	PS3 _{Aqua} =Edition2 PS3 _{Terra} =Edition2	PS3_2=ValR2OS-2	2/05	2/05	cc3=024026 (Aqua) cc3=024027(Terra) cc3_2=024031
47-OS7	3.2P1	FM1+FM3	PS3 _{Aqua} =Edition2 PS3 _{Terra} =Edition2	PS3_2=ValR2OS-2	11/05	11/05	cc3=024030 (both) cc3_2=024031
47b-OS7	3.2P1	FM2+FM3	PS3 _{Aqua} =Edition2 PS3 _{Terra} =Edition2	PS3_2=ValR2OS-2	11/05	11/05	cc3=024030 (both) cc3_2=024031
12/27/06 TRMM Instrument Processing Checkout Instrument (last promoted SCCR 621; open SCCR's: 610, 627, 641) No Recompilations needed. Only executables need to be checked. Compare against SS1=TRMM-PFM, PS1=Edition1-CV, CC1=033033, C1_2=-027033 ,CC1_3= 027030, CC1_4=026029							run 2/6/07 48-OS7 verified 2/6/07 49, 50, and 51-OS7 verified 2/8/07
48-OS7	1.1P1	PFM	(PS1=>)	PS1=ValR2OS	3/00	3/00	cc1=033034
49-OS7	1.3P1	PFM	PS1=ValR2OS	PS1=ValR2OS	3/00	3/00	cc1=033034 cc1_3=027031
50-OS7	1.3P2	PFM	PS1=ValR2OS	PS1=ValR2OS	3/00	3/00	cc1_3=027031 cc1_4=026030
51-OS7	1.2P1	PFM	PS1=ValR2OS	PS1=ValR2OS	3/1/00	3/1/00	cc1=033034 cc1_2=027034
12/27/06 TRMM ERBElke Processing Checkout ERBElke (last promoted SCCR 592; no open SCCR's). No Recompilations needed. Only executables need to be checked. Compare against SS2=TRMM-PFM, PS2=Edition1-CV, CC2=026029 SS3=TRMM-PFM, PS3=Edition1-CV, CC3=024030							52-OS7 to 54-OS7 run 2/8/07 52-OS7 to 54-OS7 verified 2/12/07 55-OS7 run 2/13/07 and verified 2/15/07

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
52-OS7	2.2P1	PFM	PS1=Edition1-CV PS2_1=NSIDC cmdline arg = A F N T	PS2=ValR2OS	3/1/00	3/1/00	cc2=026030 cc1_2=027033 cc2_1=022019
53-OS7	2.3P2	PFM	PS1=Edition1-CV PS2_1=NSIDC cmdline arg = A F N T	PS2=ValR2OS	2/29/00	2/29/00	cc2=026030 cc1_2=027033 cc2_1=022019
54-OS7	2.3P1	PFM	PS1=Edition1-CV PS2_1=NSIDC cmdline arg = A F N T	PS2=ValR2OS	4/1/00	4/1/00	cc2=026030 cc1_2=027033 cc2_1=022019
55-OS7	3.1P1	PFM	PS2=Edition1-CV	PS3=ValR2OS	3/00	3/00	cc2=026029 cc3=024031
12/27/06 Checkout MOA and PMOA Checkout SARB MOA (last promoted SCCR 616; no open SCCR's) on warlock Checkout TISA gridding PMOA MOA code cannot handle any PS other than DAO-GEOS4. Therefore the sampling strategy should be set to ValR2OS instead. No Recompilations needed. Only executables need to be checked. Compare against SS12=CERES, PS12out=DAO-GEOS4, CC12=018029, CC9_1=016021							56-OS7 run 2/5/07 56-OS7 approved 2/9/07 57-OS7 run 2/14/07 57-OS7 verified 3/1/07
56-OS7	12.1P1	CERES		PS12=DAO-GEOS4 SS12 = ValR2OS	9/30/06	11/1/06	cc12=018030
57-OS7	9.1P1	CERES	PS12=DAO-GEOS4 SS12 = ValR2OS	PS9_1=PS12=DAO-GEOS4 SS9_1=SS12= ValR2OS	10/06	10/06	cc12=018030 cc9_1=016022
12/27/06 Checkout SARB MOA (last promoted SCCR 616; no open SCCR's) on cluster MOA code cannot handle any PS other than DAO-GEOS4. Therefore the sampling strategy should be set to ValR2OSc instead. No Recompilations needed. Only executables need to be checked. 1/24/07 PR cancelled. CC# to change on warlock and magneto at time of warlock updates. Compare against SS12=CERES, PS12out=DAO-GEOS4, CC12=018029, CC9_1=016021							Cancelled 1/24/07 MOA compiled and tested with TK 5.2.12 on magneto at time of delivery.

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
58-OS7	12.1P1	CERES		PS12=DAO-GEOS4 SS12 = ValR2OSc	11/1/06	11/1/06	cc12=018030
1/18/07 Checkout TISA TSIB (SCCR 631) No recompilations needed. Only executables need to be checked. Compare against SS7_1=Terra-FM[1,2]-MODIS, PS7_1=Beta3, CC7_1=011015							run 2/15/07 verified 2/16/07
58b-OS7	7.1.1P1	FM1	PS6=Edition2C PS12=DAO-GEOS4 PS10 = Edition2D PS11 = Edition2A	PS7_1=ValR2OS	1/03	1/03	cc9_1=016021 cc6=019023 cc7_1=011016 cc10=015026 cc11= 019024
58c-OS7	7.1.1P1	FM2	PS6=EditionC PS12=DAO-GEOS4 PS10=Edition2D PS11=Edition2A	PS7_1=ValR2OS	10/01	10/01	cc9=016021 cc6=019023 cc7_1=011016 cc10=016028 cc11= 019024 cc11_6=020025
1/18/06 Checkout Synoptic SARB (SCCR 634) Only Terra crosstrack instrument data will be processed. FM1 is crosstrack: 5/00 - 7/00; 11/00 - 1/01; 5/01 - 7/01; 11/01 - 12/05 FM2 is crosstrack: 2/00 - 4/00; 8/00 - 10/00; 2/01 - 4/01; 8/01 - 10/01 No recompilation needed. Only executables need to be checked. Process on warlock. 1/29/07 Synoptic SARB can no longer run on warlock Compare against: SS7_2=Terra-FM[1,2]-MODIS, PS7_2=Beta3, CC7_2=003003							Cancelled. 1/29/07 Synoptic SARB is not capable of run- ning on warlock and producing scientifi- cally identical output to that produced on the cluster.
58d-OS7	7.2.1P1	FM1	PS4=NSIDC-NESDIS PS4_2=Edition2-QC PS5=Edition2B PS12=DAO-GEOS4 PS7_1=Beta3	PS7_2=ValR2OS	12/02	12/02	cc4_0=020019 cc4_2=027033 cc5=018024 cc12=016023 cc7_1=011015 cc7_2=003005

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
58e-OS7	7.2.1P1	FM2	PS4=NSIDC-NESDIS PS4_2=Edition2-QC PS5=Edition2B PS12=DAO-GEOS4 PS7_1=Beta3	PS7_2=ValR2OS	10/01	10/01	cc4_0=020019 cc4_2=027032 cc5=018024 cc12=016023 cc7_1=011015 cc7_2=003005
1/18/07 Checkout Synoptic SARB (SCCR 634) Process on cluster No Recompile needed. Only executables need to be checked. Compare against: SS7_2= Terra-FM[1,2]-MODIS, PS7_2=Beta3, CC7_2= 003003 1/22/07 Cancelled because Synoptic SARB was compiled and tested with TK 5.2.12 on magneto at time of delivery. CC# increments on all systems, even though only warlock changed.							cancelled 1/22/07
58f-OS7	7.2.1P1	FM1	PS4=NSIDC-NESDIS PS4_2=Edition2-QC PS5=Edition2B PS12=DAO-GEOS4 PS7_1=Beta3	PS7_2=ValR2OSc	12/02	12/02	cc4_0=020019 cc4_2=027033 cc5=018024 cc12=016023 cc7_1=011015 cc7_2=003005
58g-OS7	7.2.1P1	FM2	PS4=NSIDC-NESDIS PS4_2=Edition2-QC PS5=Edition2B PS12=DAO-GEOS4 PS7_1=Beta3	PS7_2=ValR2OSc	10/01	10/01	cc4_0=020019 cc4_2=027032 cc5=018024 cc12=016023 cc7_1=011015 cc7_2=003005

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
12/27/06 Terra Processing Checkout Cloud (last promoted SCCR 501; open SCCR's: 603) 2/8/07 Made corrections based on ASDC's questions and information from Walt Miller. If there are additional questions, please call Walt. For all PGEs, use current executable, no need to recompile. NOTES: 1. Remember to rename Edition2-QC clear-sky maps to ValR2OS prior to testing. Also change cc# to cc4_2. (Do NOT use CER_ECS start-up maps) 2. Last time there were discrepancies in the output of 4.1-4.1P2, so daily QC files and clear-sky update were rerun using Edition2-QC as input. To avoid the problem this time, stage and rename Edition2-QC inputs (EQCHB, EQCHG, CRHU, PCF in) to ValR2OS2 (and also change cc# accordingly) before running daily QC and clear-sky update. 3. To test the monthly without running a month of clouds, stage the Edition2-QC EQCDG and EQCDB files for 12/05 and rename them to ValR2OS3 (and also change cc# accordingly). Compare against:SS4_1=Terra-MODIS , PS4_1=Edition2-QC , CC4_1P2= 027034, CC4_2P1=027034, CC4_2P2=027034							59-OS7 to 62-OS7 run 2/15/07 rerun 2/21/07 because 1 MODIS file was not staged. 59-OS7 and 62-OS7 verified on 2/26/07 60-OS7 and 61-OS7 did not directly compare due to a failed IES but are considered fine 2/27/07
59-OS7	4.1-4.1P2	FM1, FM2, MODIS V004	PS1=Edition2 PS4_0=NSIDC-NESDIS PS4_2=Edition2-QC ValR2OS PS12=DAO-GEOS4	PS4_1= ValR2OS	12/31/05	12/31/05	cc12=017028 cc1=031035 cc4_0=021022 cc4_2=027034 027035 cc4_1P2=027035
60-OS7	4.1-4.2P1	Terra MODIS V004	PS4_1=ValR2OS2 PS4_2=Edition2-QC ValR2OS2	PS4_1= ValR2OS2	12/31/05	12/31/05	cc4_2=027035 cc4_2P1=027035
61-OS7	4.1-4.2P2	Terra MODIS V004	PS4_1=ValR2OS2 PS4_2=Edition2-QC ValR2OS2	PS4_1= ValR2OS2	12/31/05	12/31/05	cc4_2=027035 cc4_2P2=027035
62-OS7	4.1-4.3P1	Terra MODIS V004	PS4_1=ValR2OS3	PS4_1= ValR2OS3	12/05	12/05	cc4_3P1 = 027035

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
12/27/06 Aqua Processing Checkout Cloud (last promoted SCCR 609; open SCCR's: 603) 2/8/07 Made corrections based on ASDC's questions and information from Walt Miller. If there are additional questions, please call Walt. For all PGEs, use current executable. NOTES: 1. Remember to rename Edition1A clear-sky maps to ValR2OS prior to testing (do not use CER_ECS start-up maps) Also change cc# to 4_2. 2. There could be discrepancies in the output of 4.1-4.1P3 To avoid the problem this time, stage and rename Edition1A inputs (EQCHB, EQCHG, CRHU, PCFin) to ValR2OS2 (and also change cc# accordingly) before running daily QC and clear-sky update. 3. To test the monthly without running a month of clouds, stage the Edition1A EQCDG and EQCDB files for 12/05 and rename them to ValR2OS3 (and also change cc# accordingly). Compare against SS4_1=Aqua-MODIS, PS4_1=Edition1A, CC4_1P3=029037, CC4_2P1=029037, CC4_2P2=029037							63-OS7 to 65-OS7 run 2/15/07 66-OS7 run 2/16/07 all Aqua Cloud PRs verified 2/26/07
63-OS7	4.1-4.1P3	FM3,FM4 MODIS V004	PS1=Edition2/Ed2- NoSW PS4_0=NSIDC- NESDIS PS4_2=Edition1A ValR2OS PS12=DAO-GEOS4	PS4_1= ValR2OS	12/31/05	12/31/05	cc12=017028 cc1=031035 cc4_0=021022 cc4_2=029037 029038 cc4_1P3=029038
64-OS7	4.1-4.2P1	Aqua MODIS V004	PS4_1=ValR2OS2 PS4_2=Edition1A ValR2OS2	PS4_1= ValR2OS	12/31/05	12/31/05	cc4_2=029038 cc4_2P1=029038
65-OS7	4.1-4.2P2	Aqua MODIS V004	PS4_1=ValR2OS2 PS4_2=Edition1A ValR2OS2	PS4_1= ValR2OS2	12/31/05	12/31/05	cc4_2=029038 cc4_2P2=029038
66-OS7	4.1-4.3P1	Aqua MODIS V004	PS4_1=ValR2OS3	PS4_1= ValR2OS3	12/03	12/03	cc4_3P1=029038

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
12/27/06 Terra Processing Checkout Inversion (last promoted SCCR 581; no open SCCR 638) - No Recompilations needed. Only executables need to be checked. - Run all of inversion using dynamic Spectral Correction Coefficients. (Always use PS4_7 = NULL. NEVER use default/static coefficients from CERESlib.) Always use Spectral Correction Coefficients that correspond to instrument getting processed. - To test Monthly Validation Site processor (4.5-6.4P1) without running a month of inversion, stage the Edition2B SSFB-val and SSFA-val files for 12/05 and rename them to ValR2OS. - 1/24/07 Need to recompile ALL PGEs listed in PRs below. Recompile instructions are include with Aqua Edition2B Inversion delivery in SCCR 638. Compare against: SS4_5=Terra-FM[1,2]-MODIS, PS4_5=Edition2B, CC4_5=027031, CC4_10=022029, CC4_9=024029							67-OS7 and 68-OS7 run 3/2/07 69-OS7 and 70-OS7 run 3/5/07 71-OS7 run 3/12/07 67-OS7 to 71-OS7 verified 3/23/07
67-OS7	4.5-6.1P2	FM1, FM2	PS4_1=ValR2OS PS12=DAO-GEOS4 PS2_4=Edition2 PS4_7 = NULL	PS4_5=ValR2OS	12/31/05	12/31/05	cc4_1=027035 cc12=017028 cc2_4=026026 cc4_5=cc4_8=027032
68-OS7	4.5-6.3P2	FM1, FM2	PS4_6=Edition2B PS12=DAO-GEOS4 PS2_4=Edition2 PS4_7 = NULL	PS4_5=ValR2OS-2	12/31/05	12/31/05	cc12=017028 cc4_6=027031 cc4_5=028034
69-OS7	4.5-6.6P2	FM1, FM2	PS4_6=Edition2B PS12=DAO-GEOS4 PS2_4=Edition2 PS4_7 = NULL	PS4_5=ValR2OS-3	12/31/05	12/31/05	cc12=017028 cc4_6=027031 cc4_5=028034
70-OS7	4.5-6.2P2	FM1, FM2	PS4_5=ValR2OS-3	PS4_5=ValR2OS-3	12/31/05	12/31/05	cc4_5=028034 cc4_9=024030
71-OS7	4.5-6.4P1	FM1, FM2	PS4_5=ValR2OS-3	PS4_5=ValR2OS-3	12/05	12/05	cc4_9=024030 cc4_10=022030

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
12/27/06 Terra Processing Checkout SARB CRS (last promoted SCCR 632; open SCCR's: 622) - Process for crosstrack instrument ONLY - Process on warlock - No recompilation needed. Only executables need to be checked. FM1 is crosstrack: 5/00 - 7/00; 11/00 - 1/01; 5/01 - 7/01; 11/01 - 12/05 FM2 is crosstrack: 2/00 - 4/00; 8/00 - 10/00; 2/01 - 4/01; 8/01 - 10/01 DO NOT ARCHIVE ANY OF THE FILES CREATED AS PART OF THE SUBSYSTEM 5 TERRA PRs. THEY WILL ONLY CONFUSE US AND LATER USERS. NOTE: The preprocessor, 5.0P1, MUST be run with SS=Terra-FM[1,2]-MODIS and PS=Edition2B for Terra or it will not produce the expected Terra result. Therefore, it is the cc# which must be altered to reflect the fact that this is a validation activity. SARB only has one production strategy (PS5), sampling strategy (SS5), and configuration code (CC5), so all SARB PGEs must use the same sampling strategy, production strategy, and cc# as the preprocessor. These are NOT real Edition2B outputs and, to avoid confusion, they should NEVER be archived. Compare against SS5=Terra-FM1-MODIS, PS5= Edition2B, CC5=020027 and SS5=Terra-FM2-MODIS, PS5=Edition2B, CC5=018024							72-OS7 and 73-OS7 run 2/27/07 74-OS7 and 75-OS7 run 3/2/07 76-OS7 and 77-OS7 run 3/5/07 76-OS7 and 77-OS7 verified 3/22/07 72-OS7 to 75-OS7 verified 3/28/06
72-OS7	5.0P1	FM1 V004 MOD08	PS4_5=Edition2B PS12=DAO-GEOS4	PS5=Edition2B	12/05	12/05	cc4_5=027031 cc12=017028 cc5=111111
73-OS7	5.0P1	FM2 V004 MOD08	PS4_5=Edition2B PS12=DAO-GEOS4	PS5=Edition2B	10/01	10/01	cc4_5=026030 cc12=016023 cc5=111111
74-OS7	5.1P1	FM1	PS4_5=Edition2B PS5=Ediiton2B PS12=DAO-GEOS4	PS5=Edition2B	12/05	12/05	cc12=017028 cc4_5=027031 cc5=111111
75-OS7	5.1P1	FM2	PS4_5=Edition2B PS5=Edition2B PS12=DAO-GEOS4	PS5=Edition2B	10/01	10/01	cc12=016023 cc4_5=026030 cc5=111111
76-OS7	5.4P1	FM1	PS5=Edition2B	PS5=Edition2B	12/05	12/05	cc5=111111 cc5_4=021029
77-OS7	5.4P1	FM2	PS5=Edition2B	PS5=Edition2B	10/01	10/01	

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
12/27/06 Terra Processing Checkout SARB Terra Preprocessor on cluster - Process for crosstrack instrument ONLY - No recompilation needed. Only executables need to be checked. FM1 is crosstrack: 5/00 - 7/00; 11/00 - 1/01; 5/01 - 7/01; 11/01 - 12/03 FM2 is crosstrack: 2/00 - 4/00; 8/00 - 10/00; 2/01 - 4/01; 8/01 - 10/01 The preprocessor, 5.0P1, MUST be run with SS=Terra-FM[1,2]-MODIS and PS=Edition2B for Terra or it will not produce the expected Terra result. Therefore, it is the cc# which must be altered to reflect the fact that this is a validation activity. These are NOT real Edition2B outputs and, to avoid confusion, they should NEVER be archived. Compare against SS5=Terra-FM1-MODIS, PS5=Edition2B, CC5=020027 and SS5=Terra-FM2-MODIS, PS5=Edition2B, CC5=018024							cancelled 2/14/07 No changed were made on cluster, so no need to test there.r
78-OS7	5.0P1	FM1 V004 MOD08	PS4_5=Edition2B PS12=DAO-GEOS4	PS5=Edition2B	12/05	12/05	cc4_5=027031 cc12=017028 cc5=222222
79-OS7	5.0P1	FM2 V004 MOD08	PS4_5=Edition2B PS12=DAO-GEOS4	PS5=Edition2B	10/01	10/01	cc4_5=026030 cc12=017028 cc5=222222
12/27/06 Aqua Processing Checkout SARB CRS (last promoted SCCR 632; open SCCR's: 622) - Process for crosstrack instrument ONLY - Process on 5.0P1 and 5.4P2 on warlock . Process 5.1P2 on cluster . (5.1P2 can no longer be processed on warlock. It produces scientifically different results.) - No recompilation needed. Only executables need to be checked. FM3 is crosstrack: 7/02, 11/02 - 1/03, 5/03 - 7/03, 4/05 - 12/05 FM4 is crosstrack: 7/02 - 10/02, 2/0-3 - 4/03, 8/03 - 3/05 Compare against SS5=Aqua-FM3-MODIS, PS5=Edition2A, CC5=020027 and SS5=Aqua-FM4-MODIS; PS5=Edition2A, CC5=020027							80-OS7 and 81-OS7 run 2/27/07 82-OS7 and 83-OS7 run 3/1/07 84-OS7 and 85-OS7 run 3/5/07 84-OS7 and 85-OS7 verified 3/22/07 82-OS7 and 83-OS7 were run on mag-neto, SARB opted not to verify the output (see 3/28 e-mail) 80-OS7 and 81-OS7 verified 3/28/07

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
80-OS7	5.0P1	FM3 V004 MOD08	PS4_5=Edition2A PS12=DAO-GEOS4	PS5=ValR2OS	12/05	12/05	cc4_5=033038 cc12=017028 cc5=020028
81-OS7	5.0P1	FM4 V004 MOD08	PS4_5=Edition2A PS12=DAO-GEOS4	PS5=ValR2OS	2/05	2/05	cc4_5=032037 cc12=017027 cc5=020028
82-OS7	5.1P2	FM3	PS4_5=Edition2A PS5=ValR2OS PS12=DAO-GEOS4	PS5=ValR2OS	12/05	12/05	cc12=017028 cc4_5=033038 cc5=020028
83-OS7	5.1P2	FM4	PS4_5=Edition2A PS5=ValR2OS PS12=DAO-GEOS4	PS5=ValR2OS	2/05	2/05	cc12=017027 cc4_5=032037 cc5=020028
84-OS7	5.4P2	FM3	PS5=ValR2OS	PS5=ValR2OS	12/05	12/05	cc5=020028 cc5_4=021029
85-OS7	5.4P2	FM4	PS5=ValR2OS	PS5=ValR2OS	2/05	2/05	
12/27/06 Aqua Processing Checkout SARB CRS preprocessor on cluster (last promoted SCCR 632; open SCCR's: 622) - Process on cluster - No recompilation needed. Only executables need to be checked. FM3 is crosstrack: 7/02, 11/02 - 1/03, 5/03 - 7/03, 4/05 - 12/05 FM4 is crosstrack: 7/02 - 10/02, 2/0-3 - 4/03, 8/03 - 3/05 1/24/07 Cancelled because Instantaneous SARB was compiled and tested with TK 5.2.12 on magneto at time of delivery. CC# increments on all systems, even though only warlock changed. Compare against SS5=Aqua-FM3-MODIS, PS5=Edition2A, CC5=020027 and SS5=Aqua-FM4-MODIS; PS5=Edition2A, CC5=020027 or against output from warlock processing runs above.							cancelled 1/24/07 SARB compiled and tested with TK 5.2.12 at time of delivery.
86-OS7	5.0P1	FM3 V004 MOD08	PS4_5=Edition2A PS12=DAO-GEOS4	PS5=ValR2OSc	12/05	12/05	cc4_5=033038 cc12=017028 cc5=020028

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
87-OS7	5.0P1	FM4 V004 MOD08	PS4_5=Edition2A PS12=DAO-GEOS4	PS5=ValR2OSc	2/05	2/05	cc4_5=032037 cc12=017027 cc5=020028
88-OS7	5.1P2	FM3	PS4_5=Edition2A PS5=ValR2OSc PS12=DAO-GEOS4	PS5=ValR2OSc	12/1/05	12/1/05	cc12=017028 cc4_5=033038 cc5=020028
89-OS7	5.1P2	FM4	PS4_5=Edition2A PS5=ValR2OSc PS12=DAO-GEOS4	PS5=ValR2OSc	2/1/05	2/1/05	cc12=017027 cc4_5=032037 cc5=020028
12/27/06 Terra Processing Checkout TISA gridding FSW (last promoted SCCR 619; no open SCCR's) No recompilation needed. Only executables need to be checked. Compare against: SS6=Terra-FM1-MODIS, PS6=Edition2C, CC6=019023, CC6_3=020025 SS6=Terra-FM2-MODIS, PS6=Edition2C, CC6=019023, CC6_3=020025							90-OS7 run 2.20/07 and verified 3/1/07 93-OS7 run 2/21/07 and verified 3/1/07 91-OS7, 92-OS7, 94-OS7, 95-OS7 run 3/16/07 91-OS7, 92-OS7, 94-OS7, 95-OS7 verified 3/23/07
90-OS7	6.1P1	FM1	PS9_1=PS12=DAO-GEOS4 PS4_5=Edition2B PS5=Edition2B	PS6=ValR2OS	10/31/05	12/1/05	cc4_5=027031 cc5=020027 cc9_1=016021 cc6=019024
91-OS7	6.2P1	FM1	PS6=ValR2OS	PS6=ValR2OS	11/05	11/05	cc6=019024
92-OS7	6.3P1	FM1	PS6=ValR2OS	PS6=ValR2OS	11/05	11/05	cc6=019024 cc6_3=020026

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
93-OS7	6.1P1	FM2	PS9_1=PS12=DAO-GEOS4 PS4_5=Edition2B PS5=Edition2B	PS6=ValR2OS	8/31/01	10/1/01	cc4_5=026030 cc5=018024 cc9_1=016021 cc6=019024
94-OS7	6.2P1	FM2	PS6=ValR2OS	PS6=ValR2OS	9/01	9/01	cc6=019024
95-OS7	6.3P1	FM2	PS6=ValR2OS	PS6=ValR2OS	9/01	9/01	cc6=019024 cc6_3=020026
12/27/06 Aqua Processing Checkout TISA gridding FSW (last promoted SCCR 594; no open SCCR's) No recompilation needed. Only executables need to be checked. Compare against: SS6=Aqua-FM3-MODIS, PS6=Edition2A, CC6=019023, CC6_3=020025 SS6=Aqua-FM4-MODIS, PS6=Edition2A, CC6=019023, CC6_3=020025							96-OS7 to 101-OS7 run 3/19/07 97-OS7, 98-OS7, 100-OS7, 101-OS7 verified 3/23/07 96-OS7 and 99-OS7 verified 3/28/07
96-OS7	6.1P1	FM3	PS9_1=PS12=DAO-GEOS4 PS4_5=Edition2A PS5=Edition2A	PS6=ValR2OS	10/31/05	12/1/05	cc4_5=033028 cc5=020027 cc9_1=016021 cc6=019024
97-OS7	6.2P1	FM3	PS6=ValR2OS	PS6=ValR2OS	11/05	11/05	cc6=019024
98-OS7	6.3P1	FM3	PS6=ValR2OS	PS6=ValR2OS	11/05	11/05	cc6=019024 cc6_3=020026
99-OS7	6.1P1	FM4	PS9_1=PS12=DAO-GEOS4 PS4_5=Edition2A PS5=Edition2A	PS6=ValR2OS	1/31/05	3/1/05	cc4_5=032037 cc5=020027 cc9_1=016021 cc6=019024
100-OS7	6.2P1	FM4	PS6=ValR2OS	PS6=ValR2OS	2/05	2/05	cc6=019024

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
101-OS7	6.3P1	FM4	PS6=ValR2OS	PS6=ValR2OS	2/05	2/05	cc6=019024 cc6_3=020026
12/27/06 Terra Processing Checkout TISA gridding SFC (last promoted SCCR 594; no open SCCR's) No recompilation needed. Only executables need to be checked. Compare against: SS9=Terra-FM[1,2]-MODIS, PS9=Edition2C , CC9=022028, CC9_4=022030 PS9_3=Edition2C, CC9_3=023030							102-OS7 run 2/22/07 and verified 3/1/07. 103-OS7 and 104- OS7 run 3/16/07 and verified 3/23/07
102-OS7	9.2P1	FM1, FM2	PS9_1=PS12= DAO-GEOS4 PS4_5=Edition2B	PS9=ValR2OS	11/1/05	11/1/05	cc4_5=027031 cc9_1=016021 cc9=022029
103-OS7	9.3P1	FM1, FM2	PS9=Edition2C	PS9_3=ValR2OS	10/31/05 (11/05)	12/1/05 (11/05)	cc9=022028 cc9_3=023031
104-OS7	9.4P1	FM1, FM2	PS9_3=Edition2C	PS9=ValR2OS	11/05	11/05	cc9_3=023030 cc9_4=022031
12/27/06 Aqua Processing Checkout TISA gridding SFC (last promoted SCCR 594; no open SCCR's) No recompilation needed. Only executables need to be checked. Compare against:SS9=Aqua-FM3-MODIS, PS9=Edition2A, CC9=022028, CC9_4=022030 PS9_3=Edition2A, CC9_3=023030 SS9=Aqua-FM4-MODIS, PS9=Ed2A-NoSW, CC9=022028, CC9_4=022030 PS9_3=Ed2A-NoSW, CC9_3=023030							105-OS7 and 108- OS7 run 2/26/07 and verified 3/1/07. 106-OS7, 107-OS7, 109-OS7, 110-OS7 run 3/17/07 and veri- fied 3/23/07
105-OS7	9.2P1	FM3	PS9_1=PS12= DAO-GEOS4 PS4_5=Edition2A	PS9=ValR2OS	11/1/05	11/1/05	cc4_5=033038 cc9_1=016021 cc9=022029
106-OS7	9.3P1	FM3	PS9=Edition2A	PS9_3=ValR2OS	10/31/05 (11/05)	12/1/05 (11/05)	cc9_2=022028 cc9_3=023031

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
107-OS7	9.4P1	FM3	PS9_3=Edition2A	PS9=ValR2OS	11/05	11/05	cc9_3=023030 cc9_4=022031
108-OS7	9.2P1	FM4	PS9_1=PS12=DAO-GEOS4 PS4_5=Ed2A-NoSW	PS9=ValR2OS	11/1/05	11/1/05	cc4_5=033038 cc9_1=016021 cc9_2=022029
109-OS7	9.3P1	FM4	PS9=Ed2A-NoSW	PS9_3=ValR2OS	10/31/05 (11/05)	12/1/05 (11/05)	cc9_2=022028 cc9_3=023031
110-OS7	9.4P1	FM4	PS9_3=Ed2A-NoSW	PS9_4=ValR2OS	11/05	11/05	cc9_3=023030 cc9_4=022031
12/27/06 Terra Processing Checkout TISA Averaging SRBAVG (last promoted SCCR 629; open SCCR's: 637) No recompilation needed. Only executables need to be checked. Compare against: SS10=Terra-FM[1,2]-MODIS, PS10=Edition2D CC10=016028							run 2/6/07 verified 2/8/07
111-OS7	10.1P2	FM1, FM2	PS9_3=Edition2C PS11=Edition2A PS9_1=PS12=DAO-GEOS4	PS10=ValR2OS	5/04	5/04	cc9_3=023029 cc10=016030
112-OS7	10.1P1	FM1, FM2	PS9_3=Edition2C PS11=Edition2A PS9_1=PS12=DAO-GEOS4	PS10=ValR2OS	5/04	5/04	cc9_1=016021 cc9_3=023029 cc11=021029 cc11_6= n/a for 5/04 cc10=016030
12/27/06 Aqua Processing Checkout TISA Averaging SRBAVG (last promoted SCCR 629; open SCCR's: 637) No recompilation needed. Only executables need to be checked. If the Aqua Beta6 SRBAVG runs are not yet started, cancel this PGE. Once ASDC sends out cc#s, fill in 10_4 and 10_5. Compare against: SS10=Aqua-FM[3,4]-MODIS, PS10=Beta6, CC10_4=?? ,C10_5=??							cancelled 1/31/07 At time OS upgrade occurred, no Beta6 processing started, so nothing to compare to.

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
113-OS7	10.1P5	FM3, FM4	PS9_3=Edition2A PS11=Edition2A PS9_1=PS12= DAO-GEOS4	PS10=ValR2OS	7/02	7/02	cc9_3=023030 cc10_5=016030
114-OS7	10.1P4	FM3, FM4	PS9_3=Edition2A PS11=Edition2A PS9_1=PS12= DAO-GEOS4 PS10=ValR2OS	PS10=ValR2OS	7/02	7/02	cc9_1=016021 cc9_3=023030 cc11=n/a/for 7/02 cc11_6=020025 cc10=016030 cc10_4=016030
12/27/06 Checkout GGEO (last promoted SCCR 636; open SCCR 642) Checkout GGEO W (sccr 618) Note: SFC input to GGEO must always be from the crosstrack instrument. FM1 is in crosstrack 11/01 - 12/05 11.4P1 never ran as Beta9, therefore test it with Beta8 inputs and compare it to Beta8 If Edition2A GGEO is complete, process only a single month. Else if Beta9 is approved, process 2 months. If Beta9 requires a redelivery and Beta10 run, cancel these requests and disable all subsystem 11 PGEs pending the delivery. No recompilation needed. Only executables need to be checked. 2/16/07 Finished running Edition2A through 10/05 before upgrade, so test all PGEs except 11.4P1 with 10/05 data only. 11.4P1 could not run for 7/04 - 10/05, therefore, test it with 6/04. Compare against: PS11=Edition2A or Beta9, CC11=0022030, CC11_4=022031, CC11_6=022030 for 11.4P1 only: SS11=Composite, PS11=Beta8, CC11_4=022031							115-OS7, 116-OS7, and 118-OS7 run 3/21/07 117-OS7 run 3/22/07 All PRs verified 3/28/07
115-OS7	11.1P10 11.1P10 11.1P10 11.1P10 11.1P10	GOES-12 GOES-10 GOES-9 METEO-5 METEO-8	PS4_0= NSIDC_NESDIS PS9_1=PS12= DAO-GEOS4	PS11_M=ValR2OS	6/04 10/05	6/04 10/05	cc4_0=021021, 021022 cc11=022031 cc12=016025, 017027
116-OS7	11.2P2	Composite	PS11_M=ValR2OS	PS11=ValR2OS	6/04 10/05	6/04 10/05	cc11=022031
117-OS7	11.4P1	Composite-MODIS	PS9=PS9_3=Edition2C PS11= Beta8	PS11_4=ValR2OS	6/04 10/05	6/04 10/05	cc11=021029 cc11_4=022032

Table 1: Production Request for Checkout of CERES Processing after OS upgrade to 6.5.29 and migration to TK 5.2.12, January/February 2007

PR Year & Item_#	PGEs	Instrument (INST)	Input Production Strategy	Output Production Strategy	Begin Datadate to process	End Datadate to process	DAAC Verification
118-OS7	11.6P1	Composite	PS11=Beta9	PS11_6=ValR2OS	6/04 10/5	6/04 10/05	cc11=022030 cc11_6=022031

Table 2: CERES PGEs to be disabled until redelivery

Delivery Time Frame	Satellite	Production Strategy	Data Dates	Comments
Clouds: VIRSonly 4.1-4.1P1 was disabled at the time of the last OS upgrade and remains disabled. It will be redelivered in the near future and be reactivated.				
Spring'07	TRMM	??Ed2C-VIRSonly, Ed3A-VIRSonly, or other??	unclear - assuming Jan'98 forward	Current thought is that Inversion will not follow this delivery. Clouds/Convolution will create the SSFB and SSF files directly. (TRMM Edxx-VIRSonly SSF)
Inversion: All Aqua PGEs (4.5-6.1P3, 4.5-6.3P3, and 4.5-6.6P3) disabled at time of OS upgrade. SOFA group ready to make delivery as soon as OS upgrade complete.				
Feb/ Mar'07	Aqua	Edition2C	7/02 - 12/05	Correct Surface SW fluxes, Model B (Aqua Edition2C SSF)
TISA averaging TSI: Disable 7.1.1P1. 3 years of data were processed as Beta3, no more is needed. 1/18/07: CERES wants to expand the TSIB data set through 10/05. Must be able to process this PGE after OS upgrade.				
Spring'07	Terra- Aqua	Beta4 Beta1	3/00 - 2/03 7/02 - 6/03 ??	Correct all problems found in Beta3 (Terra Beta4 TSI and Aqua Beta1 TSI)
Synoptic SARB SYNI: Disable 7.2.1P1. If 3 years of data were processed as Beta3, no more is needed. 1/18/07: CERES wants to expand the SYNI data set through 10/05. Must be able to process this PGE after OS upgrade.				
Summer '07	Terra- Aqua	Beta4 Beta1	3/00 - 2/03 7/02 - 6/03 ??	Correct all problems found in Beta3 (Terra Beta4 SYNI and Aqua Beta1 SYNI)
TISA averaging SYN/AVG/ZAVG: If 8.1P1 exists, disable it.				
Feb/ Mar'07	Terra	Beta3	1/02 - 12/02	(Terra Beta3 SYN, AVG, ZAVG)
TISA averaging SRBAVG: 10.1P3 was disabled at the time of the last delivery and remains disabled. It will be redelivered in the near future and be reactivated.				
Feb/ Mar'07	Terra	Beta2	3/00 - 5/04	(Terra Beta2 SRBAVG-Daily1, SRBAVG-Daily2, SRBAVG-ISCCP-D2-like1, SRBAVG-ISCCP-D2-like2)
SARB: 5.1P2 on warlock was disabled when it did not produce the same outputs as magneto. See 1/31/07 e-mail stream.				

Table 2: CERES PGEs to be disabled until redelivery

Delivery Time Frame	Satellite	Production Strategy	Data Dates	Comments
Unknown	Aqua	Edition2A	1/06 forward	5.1P2 MUST be run on magneto until another delivery gets made.
Synoptic SARB: 7.2.1P1 on warlock was disabled when it did not produce the same outputs as magneto. See 1/31/07 e-mail stream from Lisa Coleman..				
Unknown	Terra and Aqua	Beta3	3/03 forward, 6/01 and 12/00	7.2.1P1 MUST be run on magneto until another delivery gets made.
Instrument: 1.1P4 and 1.1P6 Quicklook processing requires redelivery. See 2/2/07 12:44 e-mail from Denise.				
coming with Edition3	Terra and Aqua	Quicklook	as needed	CERES hasn't processed Quicklook data in years.

Additional Notes

There are no permanently disabled PGEs as a result of the SGI OS upgrade and the toolkit upgrades.

The following PGE's were disabled or deleted prior to testing and have no nearterm deliveries associated with them:

1.1P2
 3.2P2
 4.5-6.1P1
 4.5-6.2P1
 4.5-6.3P1
 5.2P1
 5.3P1
 7.2.2P1
 10.2P1
 10.3P1

11.1P1
11.1P1
11.1P3
11.1P4
11.1P5
11.1P6
11.1P7
11.1P8
11.2P1
11.3P1
11.5P1